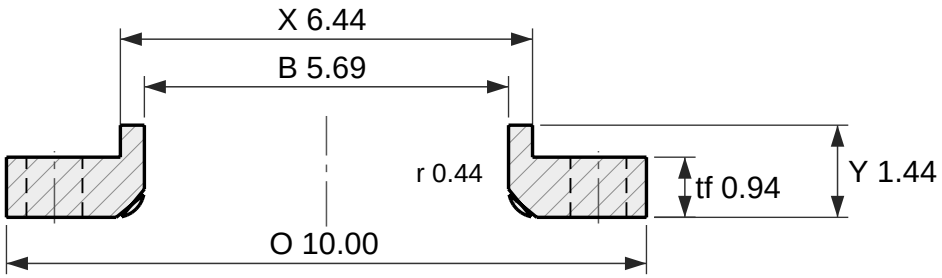
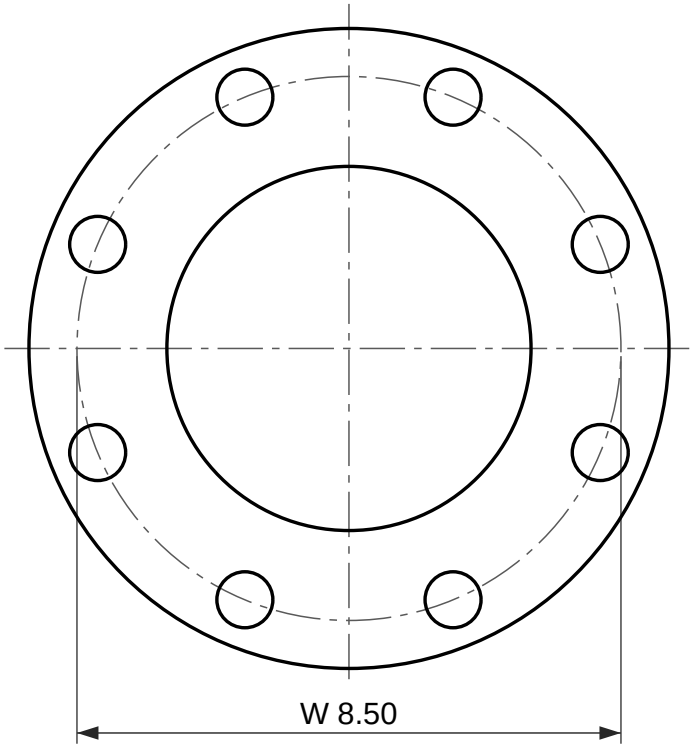
Approx. weight

Material	lb	kg
Carbon steel	13.3	6.0
Stainless steel 304 and 304L	13.4	6.1
Stainless steel 316 and 316L	13.5	6.1

Densities 7.85, 7.9 and 8.0 g/cm3.
Calculated from the dimensions as the standard gives them, with no allowance for tolerance.



Section



8 holes Ø0.88

Face view

Lap joint flange, ASME B16.5 Class 150

NPS 5 (DN 125)

Dimensions per ASME B16.5-2025, inches and millimetres as the standard's own tables give them.
Lap joint flange: no raised face; it seats on the stub end lap.
Reference drawing. The purchase order and ASME B16.5 govern. Check the latest edition.
Generated at rajendradatacenter.us/flanges/lap-joint/

Dimension	in	mm
O Outside diameter	10.00	254
tf Flange thickness	0.94	23.9
Y Length through hub	1.44	37
X Hub diameter at base	6.44	164
B Bore	5.69	144.5
r Corner radius of bore	0.44	11
W Bolt circle diameter	8.50	215.9
h Bolt holes, 8 off	0.88	22.2

8 stud bolts of 3/4 in; holes 0.88 in (22.2 mm)

RAJENDRA INDUSTRIAL CORPORATION

rajendradatacenter.us
Drawing RIC-B165-LJ150-5
Scale 1:3 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
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